



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|------------------------------|---------------|----------------------|-------------------------|------------------|
| 09/832,956 | 04/12/2001 | Oliver T. Carr JR. | 53582.000010 | 9899 |
| 75 | 90 02/27/2006 | | EXAM | INER |
| Jennifer A. Albert, Esq. | | | MOONEYHAM, JANICE A | |
| Hunton & Williams Suite 1200 | | | ART UNIT | PAPER NUMBER |
| 1900 K Street, N.W. | | | 3629 | |
| Washington, DC 20006 | | | DATE MAILED: 02/27/2006 | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| period for reply (including a total extension of time ofmonth(s)) which expired on (b) \ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) \ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) \[No reply has been received. 2. \ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) \ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) \ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) \ The issue fee and publication fee, if applicable, has not been received. 3. \ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) \ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) \ No corrected drawings have been received. | | Application No. | Applicant(s) | | | |
|---|--|-----------------------------|--|--|--|--|
| Examiner | AL de CAL CLUSTER | 09/832.956 | CARR ET AL. | | | |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address— This application is abandoned in view of: 1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 12 July 2005 (a) ☐ A reply was received on | Notice of Abandonment | | | | | |
| This application is abandoned in view of: | | Janice A Mooneyham | 3629 | | | |
| This application is abandoned in view of: 1. Applicant's failure to timely file a proper reply to the Office letter mailed on 12 July 2005. (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the operiod for reply (including a total exension of time of month(s)) which expired on (b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (b) A proposed ywas received on but it does not constitute a proper reply, or a bona filed attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) No reply has been received. 1. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (b) The letter of express abandonment which is signed by the attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 5. The letter of express abandonment which is signed by an attorney or | The MAILING DATE of this communication app | | | | | |
| 1. ⊠ Applicant's failure to timely file a proper reply to the Office letter mailed on 12 July 2005. (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of | | | • | | | |
| (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection of the period for following care (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☐ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (d) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee and publication fee, if applicable, has not been received. (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowandshilty (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received. 1. ☐ The letter of express aban | | a laws and an 42 links 2005 | | | | |
| (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.181. (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☒ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due The publication fee, if required by 37 CFR 1.18(d), is \$ (a) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. 5. ☐ The letter of express abandonment which is signed by the attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and b | (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the | | | | | |
| application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) | (b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. | | | | | |
| final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ⊠ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. | application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for | | | | | |
| 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filling of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: | | | | | | |
| from the mailing date of the Notice of Allowance (PTOL-85). (a) | (d) ⊠ No reply has been received. | | | | | |
| | 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). | | | | | |
| The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) □ The issue fee and publication fee, if applicable, has not been received. 3.□ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) □ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) □ No corrected drawings have been received. 4. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. □ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. □ The reason(s) below: | (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of | | | | | |
| (c) | ., - | | | | | |
| 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: | The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ | | | | | |
| Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filling of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: | (c) ☐ The issue fee and publication fee, if applicable, has not been received. | | | | | |
| after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: | | | | | | |
| 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: | (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is | | | | | |
| the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to | (b) No corrected drawings have been received. | | | | | |
| 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to | 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. | | | | | |
| of the decision has expired and there are no allowed claims. 7. The reason(s) below: Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to | | | | | | |
| Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to | | | se the period for seeking court review | | | |
| | 7. The reason(s) below: | | | | | |
| | - | PEN THE | Cal System | | | |
| U.S. Patent and Trademark Office PTOL-1432 (Rev. 04-01) Notice of Abandonment Part of Paper No. 06022 | | | | | | |